

Docket No. 252000US3/ams



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Osamu NARUSE, et al.

SERIAL NO.: 10/825,318

GAU:

FILED: April 16, 2004

EXAMINER:

FOR: CLEANING APPARATUS, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

C. Irvin McClelland

Registration No. 21,124

Joseph A. Scafetta, Jr.  
Registration No. 26, 803

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

252000US3

SERIAL NO.

10/825,318

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Osamu NARUSE, et al.

FILING DATE

April 16, 2004

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	2000-259051	09/22/2000	JAPAN (with English Abstract)		X
	AP	2961926	08/06/1999	JAPAN (with English Abstract)		X
	AQ	9-325659	12/16/1997	JAPAN (with English Abstract)		X
	AR	11-219082	08/10/1999	JAPAN (with English Abstract)		X
	AS	11-30938	02/02/1999	JAPAN (with English Abstract)		X
	AT	11-174992	07/02/1999	JAPAN (with English Abstract)		X
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Docket No. 252000US3



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Osamu NARUSE, et al.

SERIAL NO: 10/825,318

GAU: 2852

FILED: April 16, 2004

EXAMINER:

FOR: CLEANING APPARATUS, IMAGE FORMING APPARATUS, AND PROCESS CARTRIDGE

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☐ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☒ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**


- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
\_\_\_\_\_  
Gregory J. Maier  
Registration No. 25,599

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)  
I:\MEMREL\251s-252s\252000US TR. LETTER.DOC

Joseph A. Scafetta, Jr.  
Registration No. 26, 803



### LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
PER CLIENT	10/218,471	08/14/02	YASUI et al.
PER CLIENT	5,270,740	12/14/93	NARUSE et al.
PER CLIENT	5,412,413	05/02/95	SEKIYA et al.
PER CLIENT	5,146,236	09/08/92	HIRATA et al.
PER CLIENT	5,600,356	02/04/97	SEKIYA et al.
PER CLIENT	5,260,723	11/09/93	NARUSE et al.
PER CLIENT	4,800,398	01/24/89	NARUSE et al.
PER CLIENT	4,550,321	10/29/85	SATO et al.
PER CLIENT	4,558,995	12/17/85	FURUKAWA et al.
PER CLIENT	4,520,367	05/28/85	ISHIKAWA et al.
PER CLIENT	4,535,339	08/13/85	HORIKE et al.
PER CLIENT	4,502,055	02/26/85	HORIKE et al.
PER CLIENT	4,510,509	04/09/85	HORIKE et al.
PER CLIENT	4,504,844	03/12/85	EBI et al.
PER CLIENT	4,562,442	12/31/85	JINNAI et al.
PER CLIENT	4,434,428	02/28/84	HORIKE et al.
PER CLIENT	4,429,317	01/31/84	UMEZAWA et al.
PER CLIENT	4,435,720	03/06/84	HORIKE et al.
PER CLIENT	4,418,352	11/29/83	HORIKE et al.
PER CLIENT	4,437,101	03/13/84	EBI et al.
PER CLIENT	4,393,385	07/12/83	JINNAI et al.

\*Present Application; listed for information

GJM/gyy

I:\MEMREL\251s-252s\252000US LIST.doc

PER CLIENT	4,426,652	01/17/84	HORIKE et al.
PER CLIENT	4,364,060	12/14/82	JINNAI et al.
PER CLIENT	4,370,664	01/25/83	HORIKE et al.
PER CLIENT	4,395,717	07/26/83	HORIKE et al.
PER CLIENT	4,364,051	12/14/82	YAMASHITA
PER CLIENT	4,365,255	12/21/82	HORIKE et al.
PER CLIENT	4,400,705	08/23/83	HORIKE
PER CLIENT	4,286,273	08/25/81	HORIKE
PER CLIENT	4,310,846	01/12/82	HORIKE
PER CLIENT	4,281,332	07/28/81	HORIKE
PER CLIENT	4,288,797	09/08/81	HORIKE et al.
PER CLIENT	4,293,865	10/06/81	JINNAI et al.
PER CLIENT	4,313,123	01/26/82	JINNAI et al.
PER CLIENT	4,231,047	10/28/80	IWASAKI et al.
PER CLIENT	4,217,595	08/12/80	HORIKE et al.
PER CLIENT	4,228,440	10/14/80	HORIKE et al.
PER CLIENT	4,231,048	10/28/80	HORIKE et al.
PER CLIENT	4,178,595	12/11/79	JINNAI et al.
PER CLIENT	4,173,402	11/06/79	HORIKE et al.
0557-0124-2	4,626,867	12/02/86	FURUKAWA et al.
0557-0238-2	4,677,845	07/07/87	IZUMI et al.
0557-0612-2	4,834,533	05/30/89	HORIKE et al.
0557-0661-2	4,847,631	07/11/89	NARUSE et al.
0557-3606-3	5,818,482	10/06/98	OHTA et al.

\*Present Application; listed for information

GJM/gyy

I:\MEMREL\251s-252s\252000US LIST.doc

0557-4664-2	6,115,576	09/05/00	NAKANO et al.
214327US2	6,611,672	08/26/03	AOKI et al.
218285US2	6,640,073	10/28/03	KUROTORI et al.
218290US2	10/050,865	01/18/02	OHTAKA et al.
220748US2	6,708,014	05/11/04	MIYAGUCHI et al.
221048US2	6,735,408	03/21/02	YOSHINO et al.
221113US2	10/107,249	03/28/02	SHAKUTO et al.
223108US2	10/143,928	05/14/02	SHAKUTO et al.
225303US2	6,738,592	05/18/04	SASAKI et al.
227154US3	6,721,523	04/13/04	SUGIURA et al.
232793US2	10/385,535	03/12/03	MIYAGUCHI et al.
232796US2	10/394,025	03/24/03	SAKAI et al.
240093US2 DIV	10/617,769	07/14/03	KUROTORI et al.
252000US3*	10/825,318	04/16/04	NARUSE et al.

\*Present Application; listed for information

GJM/gyy

I:\EM\EMREL\251s-252s\252000US LIST.doc

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

252000US3

SERIAL NO.

10/825,318

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Osamu NARUSE, et al.

FILING DATE

April 16, 2004

GROUP

2852

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	US 2002/0192000 A1	12/19/02	YUSUI et al.			
	AB	5,270,740	12/14/93	NARUSE et al.			
	AC	5,412,413	05/02/95	SEKIYA et al.			
	AD	5,146,236	09/08/92	HIRATA et al.			
	AE	5,600,356	02/04/97	SEKIYA et al.			
	AF	5,260,723	11/09/93	NARUSE et al.			
	AG	4,800,398	01/24/89	NARUSE et al.			
	AH	4,550,321	10/29/85	SATO et al.			
	AI	4,558,995	12/17/85	FURUKAWA et al.			
	AJ	4,520,367	05/28/85	ISHIKAWA et al.			
	AK	4,535,339	08/13/85	HORIKE et al.			
	AL	4,502,055	02/26/85	HORIKE et al.			
	AM	4,510,509	04/09/85	HORIKE et al.			
	AN	4,504,844	03/12/85	EBI et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>252000US3</b>		SERIAL NO. <b>10/825,318</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Osamu NARUSE, et al.</b>			
				FILING DATE <b>April 16, 2004</b>		GROUP <b>2852</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,562,442	12/31/85	JINNAI et al.			
	AB	4,434,428	02/28/84	HORIKE et al.			
	AC	4,429,317	01/31/84	UMEZAWA et al.			
	AD	4,435,720	03/06/84	HORIKE et al.			
	AE	4,418,352	11/29/83	HORIKE et al.			
	AF	4,437,101	03/13/84	EBI et al.			
	AG	4,393,385	07/12/83	JINNAI et al.			
	AH	4,426,652	01/17/84	HORIKE et al.			
	AI	4,364,060	12/14/82	JINNAI et al.			
	AJ	4,370,664	01/25/83	HORIKE et al.			
	AK	4,395,717	07/26/83	HORIKE et al.			
	AL	4,364,051	12/14/82	YAMASHITA			
	AM	4,365,255	12/21/82	HORIKE et al.			
	AN	4,400,705	08/23/83	HORIKE			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>252000US3</b>		SERIAL NO. <b>10/825,318</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Osamu NARUSE, et al.</b>			
				FILING DATE <b>April 16, 2004</b>		GROUP <b>2852</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,286,273	08/25/81	HORIKE			
	AB	4,310,846	01/12/82	HORIKE			
	AC	4,281,332	07/28/81	HORIKE			
	AD	4,288,797	09/08/81	HORIKE et al.			
	AE	4,293,865	10/06/81	JINNAI et al.			
	AF	4,313,123	01/26/82	JINNAI et al.			
	AG	4,231,047	10/28/80	IWASAKI et al.			
	AH	4,217,595	08/12/80	HORIKE et al.			
	AI	4,228,440	10/14/80	HORIKE et al.			
	AJ	4,231,048	10/28/80	HORIKE et al.			
	AK	4,178,595	12/11/79	JINNAI et al.			
	AL	4,173,402	11/06/79	HORIKE et al.			
	AM	4,626,867	12/02/86	FURUKAWA et al.			
	AN	4,677,845	07/07/87	IZUMI et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. <b>252000US3</b>		SERIAL NO. <b>10/825,318</b>	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT <b>Osamu NARUSE, et al.</b>			
				FILING DATE <b>April 16, 2004</b>		GROUP <b>2852</b>	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	4,834,533	05/30/89	HORIKE et al.			
	AB	4,847,631	07/11/89	NARUSE et al.			
	AC	5,818,482	10/06/98	OHTA et al.			
	AD	6,115,576	09/05/00	NAKANO et al.			
	AE	6,611,672	08/26/03	AOKI et al.			
	AF	6,640,073	10/28/03	KUROTORI et al.			
	AG	6,708,014	03/16/04	MIYAGUCHI et al.			
	AH	6,735,408	05/11/04	YOSHINO et al.			
	AI	6,738,592	05/18/04	SASAKI et al.			
	AJ	6,721,523	04/13/04	SUGIURA et al.			
	AK						
	AL						
	AM						
	AN						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES                  NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AW						
	AX						
	AY						
	AZ					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner					Date Considered		

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.